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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit :  
Examiner :  
Serial No. :  
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Title : COMPOSITE CEMENTED  
: CARBIDE ROLL AND  
: HOT ROLLING METHOD  
: OF STEEL USING SAME



22469

PATENT TRADEMARK OFFICE

Docket: 1384-01

Confirmation No.:

Dated: December 31, 2001

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, DC 20231

Sir:

Prior to action on the merits of the case, kindly amend the above-identified application as follows:

**In the Specification (clean copy as amended)**

**Please replace the paragraph bridging pages 22 and 23 with the following:**

Application of the composite cemented carbide roll of the invention as a work roll for a hot roughing mill with an outside diameter within a range of from 500 to 1,500 mm ensures a remarkable improvement of size and shape control property by reduction of thermal crown as compared with the conventional steel roll.